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Declass Review by NIMA/DOD

TCS-1920-65  
23 February 1965

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MEMORANDUM FOR: Joint Atomic Energy Intelligence Committee

ATTENTION : [REDACTED] 25X1A

THROUGH : Chief, Reconnaissance Group  
DD/I Collection Guidance Staff

SUBJECT : Waste Accumulation, Aug-Dec 1964 at the Uranium  
Processing Plant at Heng-Yang, China

REFERENCE : [REDACTED] 25X1C

1. This memorandum is in response to your requirement which requests a determination of an increase in the waste pile of the probable uranium processing plant at Heng Yang, China

25X1D

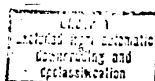
2. A comparison of the cloud-free photography, ranging from fair to good in quality and of varying obliquity, taken during the period [REDACTED] was made of two separate piles of partially processed waste at the Heng Yang Uranium Processing Plant, China. Two separate piles of partially processed waste were identified: (a) a cruciform-shaped pile north of the long storage building and (b) a roughly circular pile immediately to the east across the plant street and just outside the perimeter fence. The two piles occupy an area of about 42,750 square feet and 8,000 square feet, respectively. No determination of the heights of these two piles of partially processed waste and no estimation of their volumes and tonnages can be calculated at this time. The estimation of the volume of partially processed waste in the cruciform-shaped pile is further complicated by the admixture of unknown quantities of soil thrown out as a part of a nearby building foundation. No significant quantities of mill waste have been removed to build up the new northwest area of the plant nor to shore up the perimeter walls during the period [REDACTED]

25X1D

The designation partially processed waste is written here because of the unusual juxtaposition of the two waste piles to new milling facilities still in the early stages of construction, implying that the waste may be further treated later. It may be inferred that aside from the operation of the storage, crushing, and roasting facilities the balance of the existing mill was virtually shut down during the interval [REDACTED]. Extensions to buildings, new ventilation arrangements, and a new northwestward extension to the plant were under construction during this interval of partial plant shut down.

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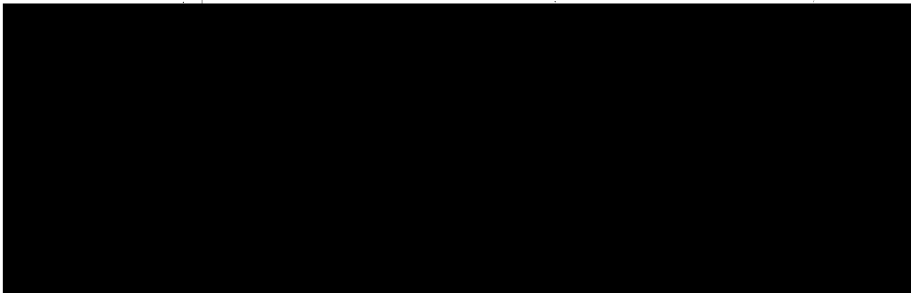
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3. Photography used in the examination of the waste dump situation at the Heng Yang uranium processing plant, China is as follows:

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4. This project is considered to be complete.

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Colonel, USA  
Assistant for Photographic Analysis, NPIC

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